

RECEIVED  
CENTRAL FAX CENTER

DEC 10 2007

PATENT  
Client Reference Number: WH-14

## Certificate of Transmission under 37 CFR 1.8

I hereby certify that this correspondence is being facsimile transmitted to the United States Patent and Trademark Office

on December 9, 2007

Date

Signature Sam Zaghmout

Dr. O. M. (Sam) Zaghmout

Typed or printed name of person signing Certificate

Attachments: 1. form PTO 1050.2. Copy of the first page of the issued patent. 3. This cover letter (2 pages).

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Mukarram et al.

Patent Number: 7,291,735

Issuance date: November 6, 2007

Application Serial Number: 10/564,364

Filing Date: 02-23-2006

Title: A Novel Process for the Manufacture of (+)-(S)-Clopidogrel Bisulfate Form- I

Examiner: Nizal S. Chandrakumar

Art Unit: 1625

MAIL STOP: POST ISSUE (Certificate of Correction Branch)

Certificate

DEC 11 2007

of Correction

Date: December 9, 2007

REQUEST FOR CERTIFICATE OF CORRECTIONHonorable Commissioner for Patents  
P.O. Box 1450 Alexandria, VA 22313-1450

Dear Sir:

The above patent contains a minor typographical error, as indicated on the attached Certificate of Correction (submitted in duplicate). This minor typographical error was inadvertent and without deceptive intent.

Accordance with the accompanying form PTO1050, please make specifically the following changes:

In the name of the first inventor:

Page 1 of 2. 11:00 AM. 12/9/2007. Request for Certificate of Correction. Applicant: Mukarrams et al. Application Serial Number: 10/564,364; Filing Date: 02-23-2006; Title: A Novel Process for the Manufacture of (+)-(S)-Clopidogrel Bisulfate Form- I; Examiner: Nizal S. Chandrakumar, Art Unit: 1625. MAIL STOP: POST ISSUE.

DEC 11 2007

"Mohammed Siddiqui Jaweed Mukarram"-- Mohammed Jaweed Mukarram Siddiqui --

RECEIVED  
CENTRAL FAX CENTER

DEC 10 2007

### CONCLUSION

Applicant respectfully requests the correction of the minor typographical error in sequence (order) listing in the name of the first inventor (first name, middle name, last name). This minor typographical error was inadvertent and without deceptive intent.

Should any official at the United States Patent and Trademark Office deem that any further action by the Applicant or Applicant's undersigned representative is desirable and/or necessary, the official is invited to telephone the undersigned at the number set forth below.

The Commissioner is hereby authorized to charge any additional fees which may be required regarding this application under 37 CFR §§ 1.16-1.17 or credit any overpayment, to deposit account No. 503321. Should no proper payment be enclosed herewith, as by a check being in the wrong amount, unsigned, post-dated, or otherwise improper or informal or even entirely missing, the Commissioner is authorized to charge the unpaid amount to Deposit Account No. 503321.

Respectfully submitted,

By: Sam Zaghmout

O. M. (Sam) Zaghmout Ph.D  
(Registration No. 51,286)

#### Contact Information:

Bio Intellectual Property Service (BIO IPS) LLC  
8509 Kernon Ct, Lorton, VA 22079, USA  
(703) 550-1968 (Voice/Fax), Fax: (703-550-0409)

Page 2 of 2, 11:00 AM, 12/9/2007, Request for Certificate of Correction, Applicant: Mukarrams et al., Application Serial Number: 10/564,364; Filing Date: 02-23-2006; Title: A Novel Process for the Manufacture of (+)-(S)-Clopidogrel Bisulfate Form- I; Examiner: Nizal S. Chandrakumar, Art Unit: 1625, MAIL STOP: POST ISSUE.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number. (Also Form PTO-1050)

### UNITED STATES PATENT AND TRADEMARK OFFICE CERTIFICATE OF CORRECTION

Page 1 of 1

PATENT NO. 7,291,735

APPLICATION NO.: 10/564,364

ISSUE DATE : November 6, 2007

INVENTOR(S) : Mukarram et al.

It is certified that an error appears or errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

In the name of the first inventor:

"Mohammed Siddiqui Jaweed Mukarram"-- Mohammed Jaweed Mukarram Siddiqui --

MAILING ADDRESS OF SENDER (Please do not use customer number below):

Dr. O. M. (Sam) Zaghmout  
Bio Intellectual Property Service (BIO IPS) LLC  
8509 Kernon Ct, Lorton, VA 22079, USA

This collection of information is required by 37 CFR 1.322, 1.323, and 1.324. The information is required to obtain or retain a benefit which is to the public which is to the (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 1.0 hour to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1480, Alexandria, VA 22313-1480. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Attention Certificate of Corrections Branch, Commissioner for Patents, P.O. Box 1480, Alexandria, VA 22313-1480.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

BEST AVAILABLE COPY

DEC 11 2007

PTO/SB/44 (08-07)  
Approved for use through 08/31/2010. OMB 0851-0033  
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE  
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.  
(Also Form PTO-1050)

**UNITED STATES PATENT AND TRADEMARK OFFICE  
CERTIFICATE OF CORRECTION**

PATENT NO. **7,291,735**Page **1** of **1**APPLICATION NO.: **10/564,364**ISSUE DATE : **November 6, 2007**INVENTOR(S) : **Mukarram et al.**

It is certified that an error appears or errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

In the name of the first inventor:

**"Mohammed Siddiqui Jaweed Mukarram"-- Mohammed Jaweed Mukarram Siddiqui --**

MAILING ADDRESS OF SENDER (Please do not use customer number below):

**Dr. O. M. (Sam) Zaghmout**

**Bio Intellectual Property Service (BIO IPS) LLC**

**8509 Kernon Ct, Lorton, VA 22079, USA**

This collection of information is required by 37 CFR 1.322, 1.323, and 1.324. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 1.0 hour to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Attention Certificate of Corrections Branch, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

*If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.*

DEC 11 2007



US007291735B2

(12) **United States Patent**  
**Mukarram et al.**

(10) **Patent No.:** **US 7,291,735 B2**  
(45) **Date of Patent:** **Nov. 6, 2007**

(54) **PROCESS FOR THE MANUFACTURE OF**  
**(+)-(S)-CLOPIDOGREL BISULFATE FORM-1**

(75) **Inventors:** **Mohammed Siddiqui Jaweed**  
**Mukarram, Aurangabad (IN);**  
**Yekanathsa Aravind Merwade,**  
**Aurangabad (IN); Reyaz Anjum Khan,**  
**Aurangabad (IN)**

(73) **Assignee:** **The Company of Wockhard Limited**

(\*) **Notice:** Subject to any disclaimer, the term of this  
patent is extended or adjusted under 35  
U.S.C. 154(b) by 11 days.

(21) **Appl. No.:** **10/564,364**

(22) **PCT Filed:** **Aug. 4, 2003**

(86) **PCT No.:** **PCT/IB03/03104**

§ 371 (c)(1),  
(2), (4) **Date:** **Feb. 23, 2006**

(87) **PCT Pub. No.:** **WO2005/012300**

**PCT Pub. Date:** **Feb. 10, 2005**

(65) **Prior Publication Data**  
**US 2006/0183907 A1 Aug. 17, 2006**

(51) **Int. Cl.**  
**C07D 471/02 (2006.01)**

(52) **U.S. Cl.** ..... **546/114**

(58) **Field of Classification Search** ..... **546/114**  
See application file for complete search history.

(56) **References Cited**

**U.S. PATENT DOCUMENTS**

6,429,210 B1 \* 8/2002 Bousquet et al. .... 514/301

\* cited by examiner

*Primary Examiner*—D. Margaret Seaman

*Assistant Examiner*—Nizal S. Chandrakumar

(74) *Attorney, Agent, or Firm*—Bio Intellectual Property  
Services (Bio IPS) LLC; O. M. (Sam) Zaghmout

(57) **ABSTRACT**

The present invention relates to a novel process for the  
manufacture of blood-platelet aggregation inhibiting agent.  
In particular, the present invention is directed to a process  
for the manufacture of Methyl-(+)-(S)- $\alpha$ -(2-chlorophenyl)-  
6,7-dihydrothieno [3,2-c]pyridine-S-(4H)acetate bisulfate  
Form-I.

**3 Claims, No Drawings**

2007 11 2007